Homeland Security

Cybersecurity and Infrastructure Security Agency Overview for Presidential Transition 2024-2025

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Overview

- Senior Leadership: Director Jen Easterly
  - Deputy Director Nitin Natarajan
  - Executive Director Bridget Bean
  - Chief of Staff Kathryn Coulter Mitchell
- Description of Component/Office Responsibilities
  - America's Cyber Defense Agency and the National Coordinator for Critical Infrastructure Security and Resilience
- Major Divisions/Offices
  - Cybersecurity, Infrastructure Security, Stakeholder Engagement, National Risk Management Center, Emergency Communications Division, Integrated Operations
- Employees
  - 3,408 on-board as of August 12, 2024
  - 3,732 (FY24 Enacted Positions)
- Budget FY24 Enacted: $2,873,008,000

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Component History

- As America's Cyber Defense Agency and the National Coordinator for Critical Infrastructure Security and Resilience, CISA leads the national effort to understand, manage, and reduce risk to the cyber and physical infrastructure that Americans rely on every hour of every day.
- CISA was restructured out of the National Protection and Programs Directorate (NPPD) in 2018 by the Cybersecurity and Infrastructure Security Act of 2018 and transitioned from a DHS Headquarters element to an operational Component.

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Strategic Priorities

- CISA's 2023-2025 Strategic Plan
  - **Cyber Defense**: Spearhead the national effort to ensure defense and resilience of cyberspace
  - **Risk Reduction and Resilience**: Reduce risks to, and strengthen resilience of, America's critical infrastructure
  - **Operational Collaboration**: Strengthen whole-of-nation operational collaboration and information sharing
  - **Agency Unification**: Unity as One CISA through integrated functions, capabilities, and workforce

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Legal Authorities

- CISA has broad authority to support the security of critical infrastructure and cyberspace, through training, technical assistance, capacity building, and information sharing on a primarily **voluntary basis**
- The most notable statutory and policy authorities are:
  - Homeland Security Act, Titles XVIII and XXII (cyber & infrastructure security)
  - FISMA 2014 and related laws (for federal civilian exec branch cyber)
  - PPD-41 (names CISA as lead for cyber asset response activities)
  - NSM-22 (names CISA as "national coordinator" for critical infrastructure security and resilience)
- Regulatory Programs
  - Cyber Incident Reporting for Critical Infrastructure Act of 2022 (CIRCIA) requires reporting of "covered cyber incidents" and "ransom payments"
  - Ammonium Nitrate Security Program requires CISA to regulate sale of AN
  - PCII governs information protection for submitted info
  - CFATS regulated security of chemical facilities (lapsed in 2023)

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Day in the Life

- Learn about a Day in the life at CISA in our 2023 Year in Review and learn more about our mission through a series of CISA Live! events that started in FY 2024
- Cybersecurity Division leads the national effort to reduce the prevalence and impact of cyber incidents by providing services, guidance, and capabilities that address immediate risks and advance toward a secure cyber ecosystem
- Infrastructure Security Division leads the coordinated effort to reduce risks posed to our critical infrastructure, whether from man-made or natural causes
- Stakeholder Engagement Division builds and maintains national and international partnerships and engagements while serving as the hub for the shared stakeholder information that advances unified risk reduction efforts
- National Risk Management Center provides planning, analysis, and collaboration to lead strategic risk reduction efforts for the nation
- Emergency Communications Division supports and promotes communications used by emergency responders and government officials to keep America safe, secure, and resilient
- Integrated Operations Division enhances the resilience of our nation's critical infrastructure by taking an integrated approach to delivering services, sharing information, and conducting outreach through regional teams and CISA's operations center

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FY 23/24 Accomplishments

- Public Campaigns: CISA launched the **Shields Ready** and **Secure Our World** campaigns
- Secure by Design: Received over 140 technology manufacturer signatories of our **Secure by Design Pledge**
- Artificial Intelligence: Published a **Roadmap for AI** and developed AI Risk Assessments to identify mitigation strategies
- Election Security: Launched the **#PROTECT2024** webinar series for election infrastructure stakeholders
- Chinese Cyber Threat: Published **joint-seal advisories** on mitigating the persistent threat and activity from **Chinese state-sponsored cyber actors**
- CIRCIA: Enactment and execution of the **Cyber Incident Reporting for Critical Infrastructure Act of 2022 (CIRCIA)**
- Cybersecurity Performance Goals: Published **Cross-Sector Cybersecurity Performance Goals**, a common set of protections that all critical infrastructure entities should implement to meaningfully reduce the likelihood and impact of known risks and adversary techniques

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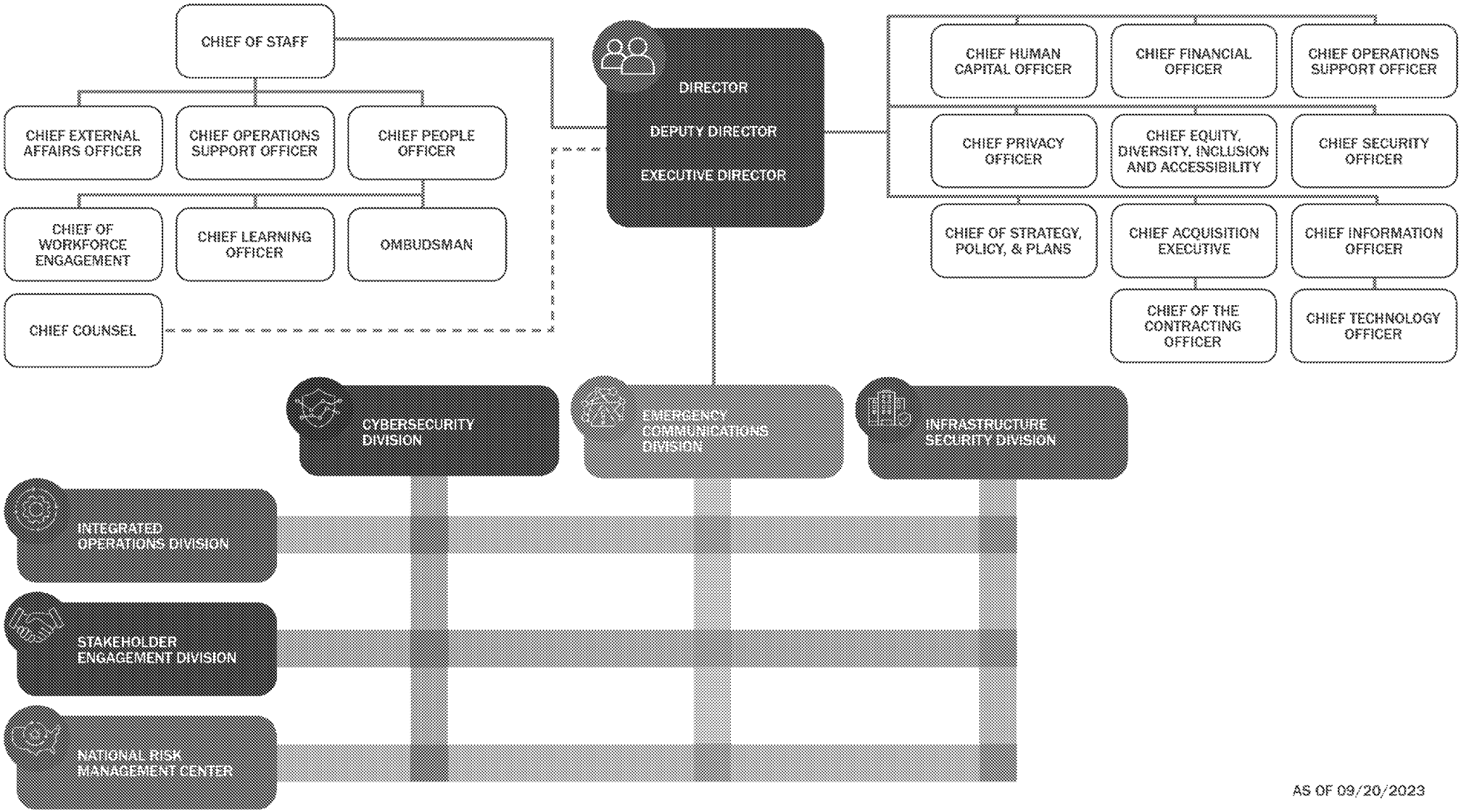
Organizational Chart



AS OF 09/20/2023

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Workforce – Breakdown by Grade as of August 12, 2024

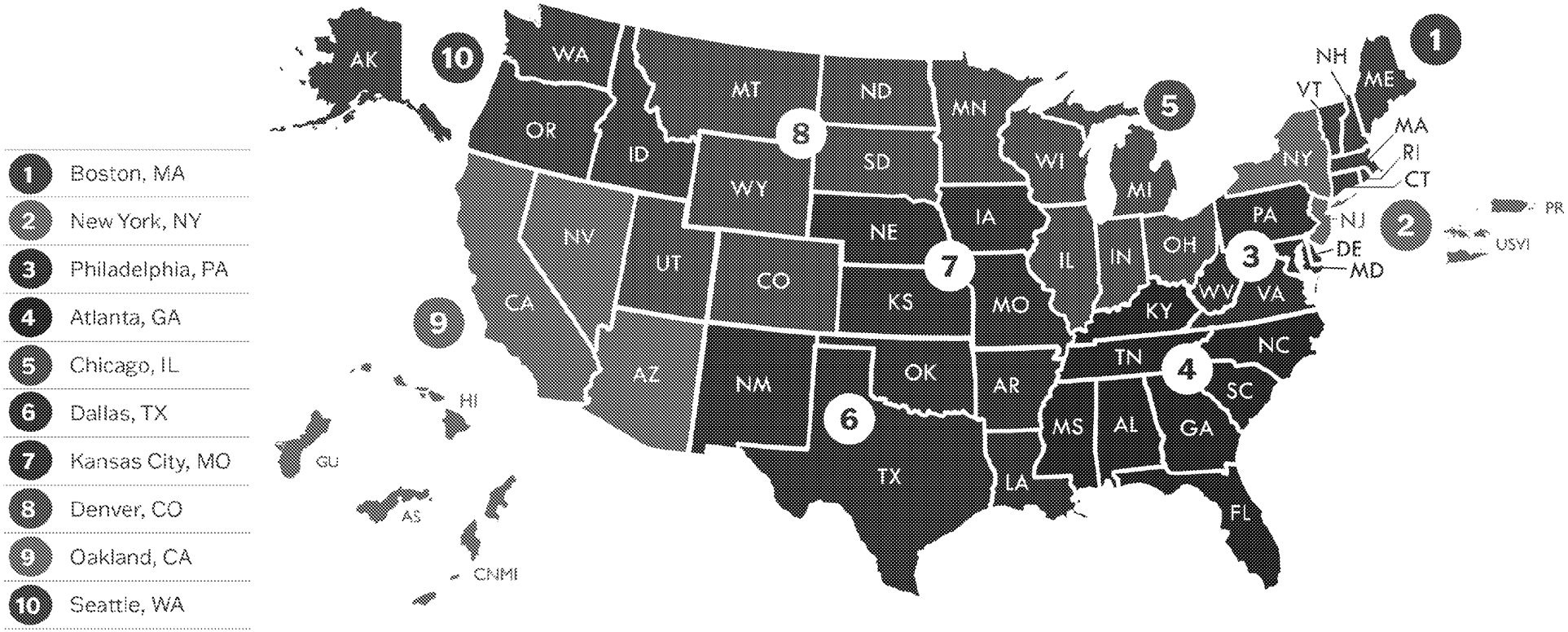
Grade Level	# of Employees
CTMS - DC	56
CTMS - DL	46
Expert	3
GS-01	1
GS-02	1
GS-03	2
GS-04	13
GS-05	18
GS-06	2
GS-07	28
GS-08	2
GS-09	43
GS-11	96
GS-12	320
GS-13	819
GS-14	1321
GS-15	584
SES	47
SL	2
ST	4
Total Personnel	**3408**

Workforce – Breakdown by Office as of August 12, 2024

Division/Office	# of Employees
CISA DIRECTOR	5
CYBERSECURITY DIVISION	1126
EMERGENCY COMMUNICATIONS DIVISION	121
INFRASTRUCTURE SECURITY DIVISION	333
INTEGRATED OPERATIONS DIVISION	729
NATIONAL RISK MANAGEMENT CENTER	146
OFF OF THE CHIEF ACQ EXECUTIVE	74
OFFICE OF EQUITY, DIVERSITY, INCLUSION AND ACCESSIBILITY (OEDIA)	13
OFFICE OF STRATEGY, POLICY, AND PLANS	48
OFFICE OF THE CHIEF COUNSEL	53
OFFICE OF THE CHIEF EXTERNAL AFFAIRS OFFICER	61
OFFICE OF THE CHIEF FINANCIAL OFFICER	110
OFFICE OF THE CHIEF HUMAN CAPITAL OFFICER (OCHCO)	115
OFFICE OF THE CHIEF INFORMATION OFFICER	114
OFFICE OF THE CHIEF LEARNING OFFICER	17
OFFICE OF THE CHIEF OF STAFF	19
OFFICE OF THE CHIEF OPERATIONS SUPPORT OFFICER	49
OFFICE OF THE CHIEF PRIVACY OFFICER	14
OFFICE OF THE CHIEF SECURITY OFFICER	61
OFFICE OF THE CHIEF TECHNOLOGY OFFICER	3
OFFICE OF WORKFORCE ENGAGEMENT	19
STAKEHOLDER ENGAGEMENT DIVISION	178
Grand Total	**3408**

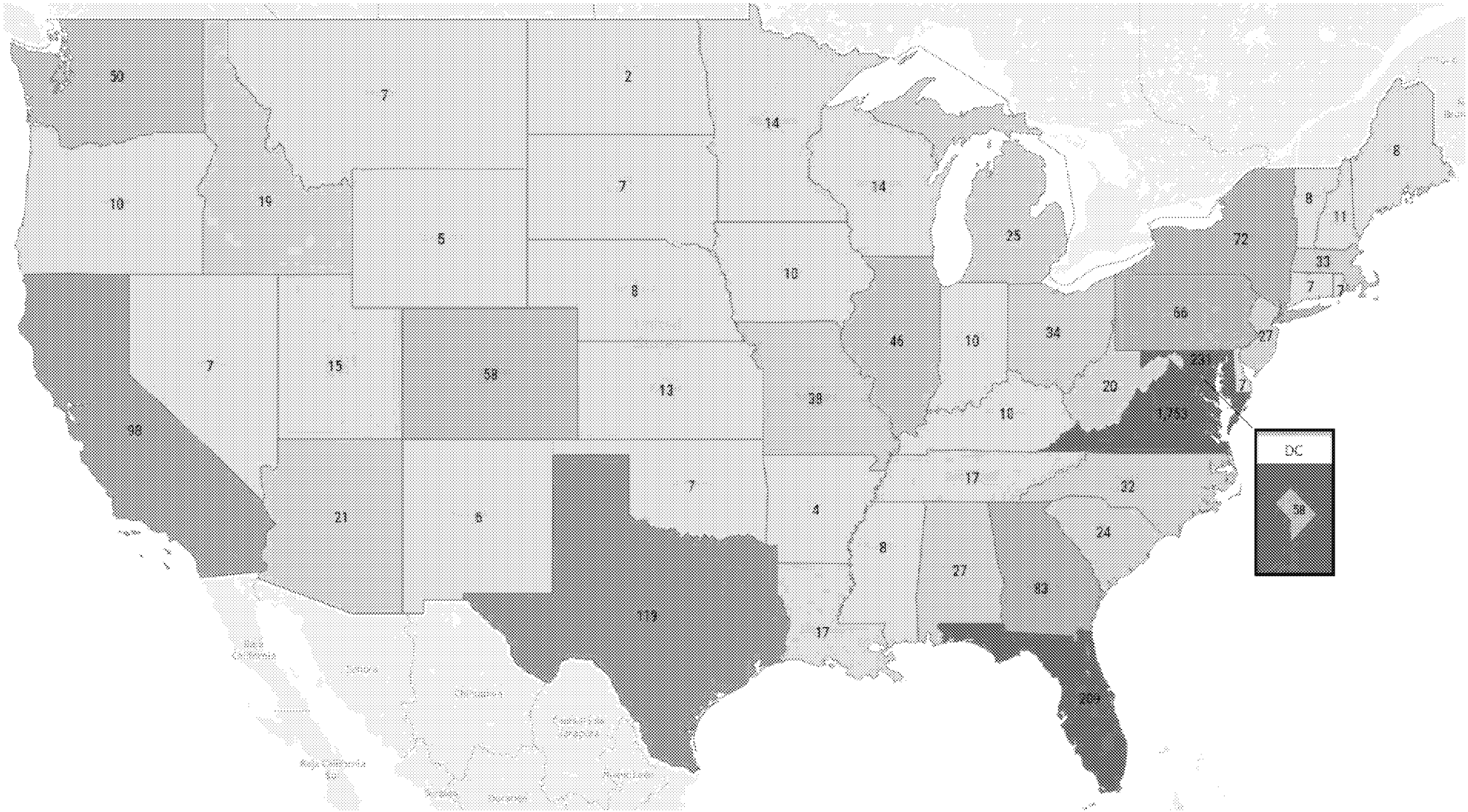
Workforce Locations – CISA Regional Offices

CISA Regions



CISA.GOV/REGIONS

Workforce – CONUS Duty Stations



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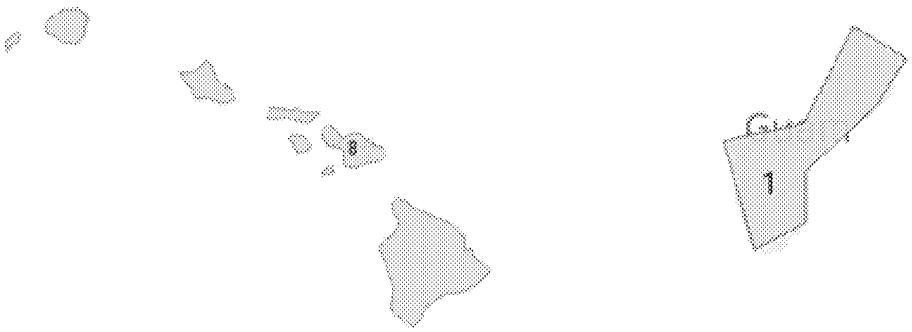
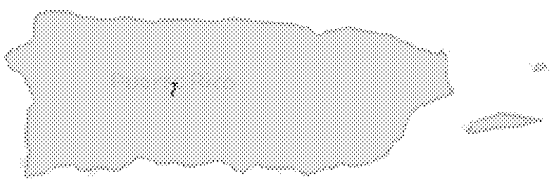
Workforce – OCONUS Duty Stations





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Budget

Dollars in Thousands

	FY 2023 Enacted		FY 2024 Enacted		FY 2025 President's Budget		FY 2024 to FY 2025 Total Changes	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
Operations and Support	3,222	$2,350,559	3,294	$2,382,814	3,641	$2,506,983	419	$156,424
Procurement, Construction, and Improvements	-	$549,148	-	$489,401	-	$499,349	-	($49,799)
Research and Development	-	$7,431	-	$793	-	$2,715	-	($4,716)
Net Discretionary	**3,222**	**$2,907,138**	**3,294**	**$2,873,008**	**3,641**	**$3,009,047**	**419**	**$101,909**
Gross Discretionary	**3,222**	**$2,907,138**	**3,294**	**$2,873,008**	**3,641**	**$3,009,047**	**419**	**$101,909**
Total Budget Authority	**3,222**	**$2,907,138**	**3,294**	**$2,873,008**	**3,641**	**$3,009,047**	**419**	**$101,909**
Less: Rescissions to Prior Year Balances	-	($1,301)	-	-	-	-	-	-
Total	**3,222**	**$2,905,837**	**3,294**	**$2,873,008**	**3,641**	**$3,009,047**	**419**	**$101,909**

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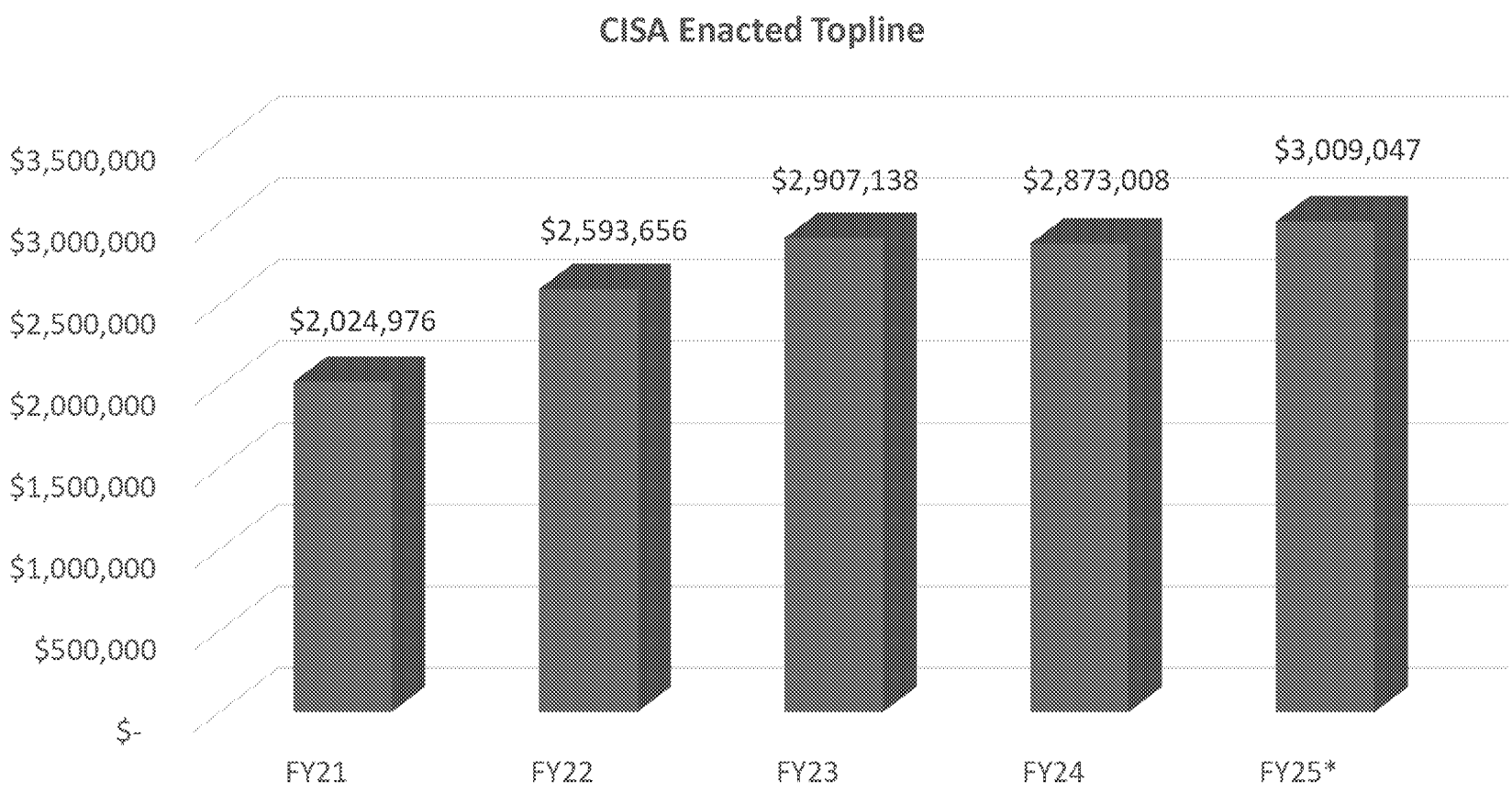
5-Year Funding Trend



* FY25 President's Budget Submission

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Day 1 Challenges

- Ongoing and increasingly sophisticated, frequent, and aggressive cyber threats, particularly from nation-state adversaries like the People's Republic of China, that actively target known cyber vulnerabilities and weaknesses to attempt to compromise federal agencies and public and private sector targets across our country
- Ongoing litigation challenging the Federal Government's engagement with social media companies continues in federal court

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Congressional Interests and Media Issues

- The Cybersecurity Information Sharing Act (CISA 2015), which provides protection to companies who share cyber threat indicators and defense measures, expires September 30, 2025
- Election Security
- Disinformation/Accusations of Censorship
- CIRCIA Regulation
- Artificial Intelligence
- Progress on Secure by Design
- Reports/Findings from the Cyber Safety Review Board
- Volt Typhoon

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Priority 1 GAO and OIG Items

- Review of DHS's Actions to Secure the Election Infrastructure *(DHS)*
  - DHS OIG engagement to assess DHS's actions since 2020 to counter election disinformation campaigns and secure infrastructure
  - DHS OIG issued one recommendation, and CISA is preparing a response to OIG
  - Final report anticipated in September 2024
- Review of DHS's Implementation of the Cybersecurity Act of 2015 for Calendar Years 2021 and 2022 *(DHS)*
  - DHS OIG engagement to assess DHS's progress in meeting cybersecurity information requirements
  - DHS OIG issued two recommendations, and CISA is preparing a response to OIG
  - Final report anticipated in September 2024
- CISA's Implementation and Use of its Cybersecurity Incentive Pay Program *(DHS)*
  - DHS OIG engagement to determine whether CISA has appropriately implemented and complied with program requirements for cybersecurity incentive pay programs
  - DHS OIG is conducting fieldwork with CISA Divisions and offices
  - Final report anticipated in November 2024
- Joint Evaluation of Cyber Intrusion Prevention Efforts (Government-wide)
  - DHS OIG and NSA OIG engagement to assess actions taken by NSA and DHS in advance of, and in connection with, recent intrusions into U.S. Government and private sector networks
  - OIG is conducting fieldwork with CISA Divisions and offices
  - Final report anticipated in November 2024

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Priority 1 GAO and OIG Items – Cont'd

AI Risk Assessments *(Government-wide)*

- GAO Audit to assess the completion of AI risk assessments and identification of AI risks in accordance with EO 14110 *Safe, Secure, and Trustworthy Development and Use of AI*
- GAO is conducting fieldwork with CISA Divisions and offices
- Final report anticipated in Spring 2025

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Challenges, Opportunities, and Threats (on-going)

- Challenges
  - Funding – flatlined enterprise toplines and fiscally-controlled environment with competing priorities and inadequate resources to meet growing mission demands; funding has not kept pace with CISA's growth in operational programs, so mission support is especially impacted
  - Lapse of CFATS authority
- Opportunities
  - Artificial Intelligence
  - NSM-22 has provided CISA a leadership role in developing proposals to incentivize or require the adoption of minimum security and resilience standards by critical infrastructure
- Threats
  - Threats from People's Republic of China, other nation-state actors, and cyber actors
  - Evolving technical threat landscape

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Unique Considerations

- CISA is a young agency that operates at the speed of larger and more established agencies, such as NSA and FBI
- Partnerships are critical to mission success
- Authorities over Federal Civilian Executive Branch (FCEB) Agencies to force action to enhance cybersecurity for all federal systems
- Key Programs embedded within CISA
  - Priority Telecommunications Services that enable essential personnel to communicate when networks are degraded or congested
  - Shared Cybersecurity Services provide federal civilian agencies, state fusion centers, and information sharing and analysis centers with no-cost access to Cyber Threat Intelligence and services
  - Bombing Prevention Training and Guidance is provided to federal, state, and local law enforcement entities, and is available publicly

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Questions

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